

# Livestock biodiversity, indigenous knowledge and intellectual property rights

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**Bellagio, 27 March-2 April 2006**



LEAGUE FOR  
PASTORAL PEOPLES  
AND ENDOGENOUS  
LIVESTOCK DEVELOPMENT

# Focus

- ✦ **Livestock biodiversity**
  - ◆ How to conserve indigenous breeds
- ✦ **Indigenous knowledge**
  - ◆ Indigenous knowledge of animal breeding
- ✦ **Intellectual property rights**
  - ◆ Legal options

# Output

## ✦ Strategy for how to

- ◆ make visible, acknowledge
- ◆ protect
- ◆ support, reward

## role of livestock keepers in

- ◆ conserving livestock breed diversity

## ✦ Identify legal options



# Day by day

1. Arrival
2. Indigenous knowledge of animal breeding
3. Intellectual property rights
4. Legal protection of indigenous breeds
5. Animal genetic resources / indig breeds
6. Strategic actions for livestock keepers' rights
7. Departure



## Indigenous knowledge of animal breeding

### ✦ Meaning of IK-AB?

- ◆ Is it important?
- ◆ Would it make a difference if it disappears?
- ◆ How does it relate to food security, culture, human heritage, conservation of diversity?

### ✦ Examples of IK-AB

### ✦ How to conserve IK-AB?

### ✦ How to convince others that IK-AB exists, is important, should be conserved?



Day 2

Tue 28 Mar

# Indigenous knowledge of animal breeding

## ✿ Presentations

- ◆ 0201 Ilse Koehler-Rollefson
- ◆ 0202 Paul Mundy
- ◆ 0203 Irene Hoffmann
- ◆ 0204 Saverio Krätli
- ◆ 0205 Tom Loquang
- ◆ 0206 Isaac Kosgey
- ◆ 0207 Evelyn Mathias



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## Intellectual property rights

- ⌘ **Does IK qualify as “prior art”?**
  - ◆ If no, how can we get it recognized as such?
  - ◆ If yes, what are the implications for patenting?
- ⌘ **Practical case**
  - ◆ Indigenous breed contains gene that confers disease resistance.
  - ◆ Scientist describes this linkage
  - ◆ Is the info patentable?
  - ◆ Implications for breed keepers?
  - ◆ Implications if genetically engineered into another breed?
- ⌘ **If patenting of genes not allowed**
  - ◆ No worry about export regulations, access and benefit-sharing, etc?

Day 3

Wed 29 Mar

# Intellectual property rights

## \* Presentations

- ◆ 0301 Jacob Wanyama
- ◆ 0302 Morten Tvedt
- ◆ 0303 Chanda Nimbkar
- ◆ 0304 Sangeeta Sashikant
- ◆ 0305 Merida Roets



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Day 4

Thu 30 Mar

# Legal protection of indigenous breeds

- ✦ **Exemption from patenting (as in Karen Commitment)**
- ✦ **Is WIPO an appropriate forum?**
- ✦ **UN-Draft declaration on rights of indigenous people – does it have potential?**
- ✦ **UNESCO declaration on cultural diversity**
- ✦ **A data-base establishing indigenous breeds as “prior art”?**



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Day 4

Thu 30 Mar

# Legal protection of indigenous breeds

## ✦ Presentations

- ◆ Irene Hoffmann
- ◆ 0401 Sangeeta Sashikant
- ◆ 0402 Kassahun Awgichew



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Day 5

Fri 31 Mar

# Animal genetic resources / indig breeds

- ✦ Practical options for sustaining and supporting indigenous breeds?



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Day 5

Fri 31 Mar

# Animal genetic resources / indig breeds

## ✧ Presentations

- ◆ 0501 Hanwant Singh Rathore
- ◆ 0502 Raul Perezgrovas
- ◆ 0503 Maryam Niamir-Fuller
- ◆ 0504 Vera Matlova
- ◆ 0505 Elisabeth Cruzada



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Day 6

Sat 1 Apr

# Strategic actions for livestock keepers' rights

## ✦ Priorities for action



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# Day 7

## Departure

Sun 2 Apr

✦ After breakfast



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# No presentation yet?

- ◆ 0701 Sunil Gamage
- ◆ 0702 Sajjad Khan
- ◆ 0703 Tina Goethe

✦ **Don't worry, we'll think of something!**



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# Some rules

- ✦ Note-taking...
  - ✦ Any volunteers?

- ✦ Punctuality

- ~~✦ Abbreviations~~

